

Converting Colors

$Yxy(43.2590, 0.3693, 0.3792)$

Have a look what the booklet for
Yxy(43.2590, 0.3693, 0.3792)
contains.

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Color

Yxy(43.0966, 0.3697, 0.3786)

Conversions

Conversions Part 1

Format	Color
Hex	C5AC86
RGB	197, 172, 134
RGB Percent	77%, 67%, 53%
CMY	0.2274, 0.3255, 0.4745
CMYK	0.00, 0.13, 0.32, 0.23
HSL	36°, 35%, 65%
HSV	36°, 32%, 77%
XYZ	42.0835, 43.0966, 28.6514
YIQ	175.1430, 27.0980, -6.5180

Conversions

Conversions Part 2

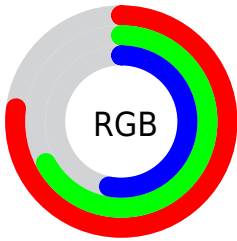
Format	Color
RYB	175, 197, 134
Decimal	12954758
CIELab	71.62, 3.42, 22.91
CIELCh	72, 23.161, 81.519
Yxy	43.0966, 0.3697, 0.3786
Android (android.graphics.Color)	4291144838 (0xFFC5AC86)
YUV	175.1430, -20.2835, 19.1686
Hunter-Lab	65.6480, -0.4570, 20.0771

Details

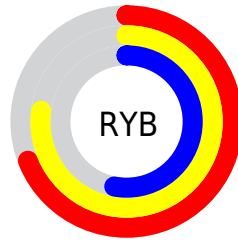
The Yxy color **43.0966, 0.3697, 0.3786** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.8972, 0.2608, 0.2736**, and the grayscale version is **43.0455, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5969, 0.3592, 0.3699**, and **19.8238, 0.3857, 0.3927** is the 20% darker color. If you saturate the color by 10%, you get **39.7098, 0.3912, 0.3944**, and if you desaturate by 10%, it is **46.7649, 0.3499, 0.3626**.

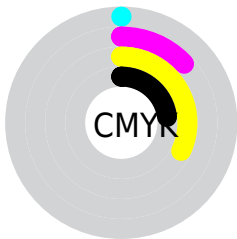
Distribution



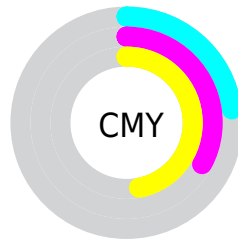
- Red (77%)
- Green (67%)
- Blue (53%)



- Red (69%)
- Yellow (77%)
- Blue (53%)



- Cyan (0%)
- Magenta (13%)
- Yellow (32%)
- Black (23%)





- Cyan (23%)
- Magenta (33%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0966, 0.3697, 0.3786 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 43.0966, 0.3697, 0.3786 by changing the saturation by 10% instead.


 43.0966, 0.3697,
0.3786

 43.0966, 0.3697,
0.3786


359.0089, 0.3409,
0.3539


 29.9609, 0.3769,
0.3846


 79.8566, 0.3592,
0.3697

 19.8089, 0.3861,
0.3923


 104.2497, 0.3553,
0.3663

 12.2562, 0.3983,
0.4022


 133.1641, 0.3519,
0.3635

 6.9184, 0.4150,
0.4155

166.9842, 0.3491,
0.3610

 3.4111, 0.4387,
0.4336

206.0943, 0.3466,
0.3589

 1.3500, 0.5085,
0.4915

250.8788, 0.3445,

 0.1794, 0.5860,

0.3570

0.4140

301.7222, 0.3426,
0.3554

0.0000, 0.0000,
0.0000

43.0966, 0.3697,
0.3786

43.0966, 0.3697,
0.3786

39.7098, 0.3912,
0.3944

46.7649, 0.3499,
0.3626

36.5898, 0.4139,
0.4090

50.7170, 0.3318,
0.3469

33.7294, 0.4371,
0.4216

54.9625, 0.3157,
0.3319

31.1185, 0.4598,
0.4309

59.5089, 0.3014,
0.3178

28.7456, 0.4808,
0.4358

64.3631, 0.2887,
0.3046

■ 26.5981, 0.4988,
0.4355

■ 69.5320, 0.2774,
0.2925

■ 25.0234, 0.5113,
0.4322

■ 73.8851, 0.2765,
0.2984

■ 78.2534, 0.2772,
0.3070

■ 82.8183, 0.2779,
0.3155

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43.0966, 0.3791, 0.3564



43.0966, 0.3697, 0.3786



43.0966, 0.3449, 0.3885

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.0966, 0.3697, 0.3786



43.0966, 0.2587, 0.3247



43.0966, 0.3104, 0.2837

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



43.0966, 0.3697, 0.3786



33.8972, 0.2608, 0.2736

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



43.0966, 0.2791, 0.2747



43.0966, 0.3697, 0.3786



43.0966, 0.2506, 0.2962

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.0966, 0.3697, 0.3786



43.0966, 0.2809, 0.3566



43.0966, 0.2578, 0.2787



43.0966, 0.3438, 0.3032

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.0966, 0.3697, 0.3786



43.0966, 0.3235, 0.3854



43.0966, 0.2578, 0.2787



43.0966, 0.2992, 0.2794

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



43.0986, 0.3697, 0.3786



92.1771, 0.3287, 0.3441



31.4303, 0.3561, 0.2959



19.5038, 0.3312, 0.3463



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.0986, 0.3697, 0.3786



73.1222, 0.3837, 0.3891



52.6982, 0.3550, 0.4095



11.6832, 0.3275, 0.3429



16.6236, 0.5098, 0.4334



0.9258, 0.4861, 0.4522

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



33.8972, 0.2608, 0.2736



54.2312, 0.2495, 0.2600



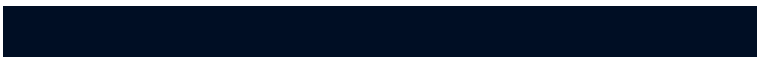
26.6810, 0.2618, 0.2370



10.9667, 0.2983, 0.3147



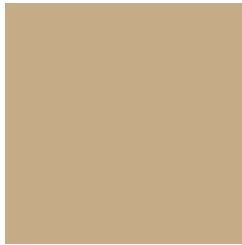
6.4059, 0.1686, 0.1270



0.4442, 0.1804, 0.1693

Previews

White Background



This preview shows how the Yxy color 43.0966, 0.3697, 0.3786 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 43.0966, 0.3697, 0.3786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

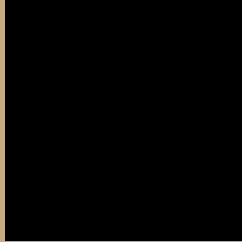
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.0966, 0.3697, 0.3786

Background



This preview shows how black text looks on a background with the Yxy color 43.0966, 0.3697, 0.3786.



This preview shows how white text looks on a background with the Yxy color 43.0966, 0.3697, 0.3786.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

43.0966, 0.3697, 0.3786

Protanopia

42.9740, 0.3580, 0.3828

Deuteranopia

42.8763, 0.3792, 0.3709



Tritanopia

43.0837, 0.3349, 0.3128

Trichromacy



Original Color

43.0966, 0.3697, 0.3786

Protanomaly

43.0977, 0.3622, 0.3808

Deuteranomaly

42.8217, 0.3758, 0.3726

Tritanomaly

42.9290, 0.3473, 0.3355

Monochromacy



Original Color

43.0966, 0.3697, 0.3786

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.8774, 0.3327, 0.3479

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0966, 0.3697, 0.3786 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(197, 172, 134)` looks like.

```
.text, #text, p{  
    color:rgb(197, 172, 134)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(197, 172, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 172, 134) }
```

Border

The CSS property to change the border of an element to Yxy 43.0966, 0.3697, 0.3786 is called "border". The border property can be set on classes, ids or directly on the HTML element.

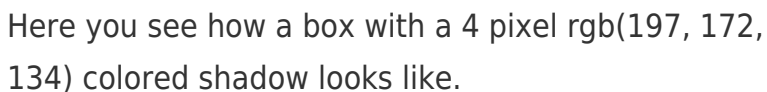
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 172, 134) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(197, 172, 134) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(197, 172, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 172, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 172, 134);  
box-shadow:4px 4px 4px 4px rgb(197, 172,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0966, 0.3697, 0.3786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 172, 134) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(197,  
172, 134) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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